



TROPICAL CYCLONE BULLETIN NO. 2

Tropical Depression “FLORITA”

Issued at 5:00 PM, 21 August 2022

Valid for broadcast until the next bulletin at 11:00 PM today

FLORITA SLIGHTLY INTENSIFIES WHILE MOVING WEST SOUTHWESTWARD OVER THE PHILIPPINE SEA EAST OF CAGAYAN

Location of Center (4:00 PM)	
The center of Tropical Depression “FLORITA” was estimated based on all available data at 540 km East of Tuguegarao City, Cagayan (17.1°N, 126.8°E)	
Intensity	
Maximum sustained winds of 55 km/h near the center, gustiness of up to 70 km/h , and central pressure of 1000 hPa	
Present Movement	
West Southwestward at 15 km/h	
Extent of Tropical Cyclone Winds	
Strong winds extend outwards up to 250 km from the center	

TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 AM 22 August 2022	16.8	126.2	480 km East of Tuguegarao City, Cagayan or 440 km East of Casiguran, Aurora	55	TD	WSW 10
24-Hour Forecast 2:00 PM 22 August 2022	16.8	125.2	380 km East Southeast of Tuguegarao City, Cagayan or 335 km East of Casiguran, Aurora	65	TS	W 10
36-Hour Forecast 2:00 AM 23 August 2022	17.2	124.1	255 km East of Tuguegarao City, Cagayan	75	TS	WNW 10
48-Hour Forecast 2:00 PM 23 August 2022	17.8	122.5	Over the coastal waters of Peñablanca, Cagayan	75	TS	WNW 15
60-Hour Forecast 2:00 AM 24 August 2022	18.3	121.2	In the vicinity of Luna, Apayao	65	TS	WNW 10
72-Hour Forecast 2:00 PM 24 August 2022	19.3	119.4	215 km West of Calayan, Cagayan	65	TS	WNW 20
96-Hour Forecast 2:00 PM 25 August 2022	22.9	116.3	620 km West Northwest of Itbayat, Batanes (outside the PAR)	65	TS	NW 20
120-Hour Forecast 2:00 PM 26 August 2022	26.0	113.1	1,065 km Northwest of Extreme Northern Luzon (outside the PAR)	-	LOW	NW 20

Prepared by: SMRR

Checked by: SFD



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 (Strong winds prevailing or expected within the next 36 hours)	The northern portion of Aurora (Dilasag), the eastern portion of Isabela (Dinapigue, Palanan, Divilacan, Maconacon, San Pablo, Cabagan, Tumaui, Ilagan City, San Mariano), and the eastern portion of Cagayan (Peñablanca, Baggao)	-	-
	Potential impacts of winds: Minimal to minor threat to life and property		

HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none"> • Tomorrow early morning through afternoon, light to moderate with at times heavy rains may prevail over Cagayan, Isabela, Batanes, and Aurora. • By tomorrow evening through Tuesday evening, heavy to intense with at times torrential rains over Batanes, Cagayan, Isabela, Cordillera Administrative Region, and Ilocos Region. Light to moderate with at times heavy rains over Central Luzon and the rest of Cagayan Valley. • Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are expected especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall. <p>Severe Winds</p> <ul style="list-style-type: none"> • Strong winds (strong breeze to near gale conditions) will be experienced within any of the areas where Wind Signal no. 1 is currently in effect. • Areas under TCWS will be expanded in succeeding bulletins, while the hoisted wind signals in some localities of the country will be upgraded as "FLORITA" moves closer. Hoisting of TCWS #2 is likely in the localities situated in the eastern section of Northern Luzon as early as tomorrow morning.
HAZARDS AFFECTING COASTAL WATERS
<p>In the next 24 hours, the tropical depression will bring moderate to rough seas (1.2 to 2.8 m) over the eastern seaboard of Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.</p>

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TRACK AND INTENSITY OUTLOOK

- Tropical Depression "FLORITA" will continue moving generally west southwestward in the next 12 hours before turning westward tomorrow morning, then west northwestward by Tuesday towards Northern Luzon. On the forecast track, the center of this tropical cyclone is forecast to make landfall in the vicinity of Cagayan or northern portion of Isabela on Tuesday morning or afternoon. Afterwards, the center of "FLORITA" will move west northwestward and cross several provinces in Northern Luzon before emerging over the West Philippine Sea by Wednesday early morning.
- "FLORITA" is forecast to reach tropical storm category tomorrow morning or afternoon and may reach peak intensity of 75 km/h prior to making landfall on Tuesday morning or afternoon. Slight weakening is likely as it crosses the Northern Luzon, but it is forecast to remain within the tropical storm category.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

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